

WHAT IS CLAIMED IS:

1. A method of integrating a software system over a network (101), comprising:

(a) receiving an order for a software system (210) from a user for a user system (133, 134, 143, 144) at a server over the network (101);

5 (b) configuring the user system (133, 134, 143, 144) over the network (101); and

(c) installing the software system (210) on the user system (133, 134, 143, 144) over the network (101).

2. The method of claim 1, wherein the network (101) comprises the Internet.

3. The method of claim 1, further comprising the steps of:

(d) transmitting the order for a software system (210) to a development facility (110); and

5 (e) receiving at least one software application for the software system (210) from the development facility (110).

4. The method of claim 1, further comprising a step of (f) developing at least one software application for the software system (210).

5. The method of claim 4, further comprising a step of (g) testing the at least one software application.

6. The method of claim 1, further comprising a step of (h) developing at least one software application for the software system (210), wherein developing the at least one software application comprises the steps of :

(i) receiving user information over the network (101),

5 (j) preparing a project design for the software application based on the user
information;
 (k) transmitting the project design to the user over the network (101);
 (l) receiving user feedback over the network (101); and
 (m) revising the project design until the user feedback does not contain
10 change requests.

7. The method of claim 1, further comprising:

5 (n) developing at least one software application;
 (o) creating supplier links for ordering material over the network (101);
 (p) customizing a screen design for the software system (210) over the
network (101); and
 (q) integrating the at least one software application, the supplier links and
the screen design for the application to produce an integrated software system.

8. The method of claim 7, wherein customizing a screen design comprises at
least one of the steps of:

5 (r) creating a new human machine interface project;
 (s) starting up a configuration application over the network (101);
 (t) adding devices using the configuration application;
 (u) adding trend points to a historical database;
 (v) creating a one line diagram screen;
 (w) creating trend and tabular screens for each device;
 (x) setting passwords for each user; and
10 (y) testing the screen design with a dynamic data exchange simulator to
ensure functionality.

9. The method of claim 7, wherein installing the software system (210) on a
user system over the network (101) comprises the steps of:

15 (z) installing human machine interface software and the at least one
software application onto the user system (133, 134, 143, 144) over the network
(101); and

(aa) transferring the integrated application from a development system to the user system (133, 134, 143, 144) over the network (101).

10. The method of claim 1, wherein starting up operation of the software system (210) over the network (101) comprises a step of (bb) configuring user devices over the network (101) to support the software applications and testing the software system (210) on the user system (133, 134, 143, 144).

11. The method of claim 1, further comprising a step of:

(cc) supporting the software system (210) on the user system (133, 134, 143, 144) over the network (101) after start up.

12. The method of claim 1, further comprising (dd) starting up operation of the software system (210) over the network (101).

13. The method of claim 1, wherein the user system (133, 134, 143, 144) comprises at least one of a personal computer and a mainframe.

14. The method of claim 1, wherein the user system (133, 134, 143, 144) comprises a network.

15. The method of claim 1, wherein the software system (210) comprises a power management control system.

16. A system for integrating a software system (210) over a network (101), comprising:

means for receiving an order for a software system (210) from a user using a user system (133, 134, 143, 144) at a server over the network (101);

5 means for configuring the user system (133, 134, 143, 144) over the network (101); and

means for installing the software system (210) on the user system (133, 134, 143, 144) over the network (101).

17. The system of claim 16, wherein the network (101) comprises the Internet.

18. The system of claim 16, further comprising:
means for transmitting the order for a software system (210) to a
development facility (110); and

5 means for receiving at least one software application for the software
system (210) from the development facility (110).

19. The system of claim 16, further comprising means for developing at least
one software application for the software system (210).

20. The system of claim 19, further comprising means for testing the at least
one software application.

21. The system of claim 16, further comprising means for developing at least
one software application for the software system (210) wherein the developing
means comprises:

means for receiving user information over the network (101);

5 means for preparing a project design for the software application (210)
based on the user information;

means for transmitting the project design to the user over the network
(101);

means for receiving user feedback over the network (101); and

10 means for revising the project design until the user feedback does not
contain change requests.

22. The system of claim 16, further comprising:

means for developing at least one software application;

means for creating supplier links for ordering material over the network
(101);

5 means for customizing a screen design for the software system (210) over
the network (101); and

means for integrating the at least one software application, the supplier links and the screen design for the application to produce an integrated software system.

23. The system of claim 22, wherein the means for customizing a screen design comprises:

means for creating a new human machine interface project;
means for starting up a configuration application over the network (101);
5 means for using the configuration application to add devices;
means for adding trend points to a historical database;
means for creating a one line diagram screen;
means for creating trend and tabular screens for each device;
means for setting passwords for each user; and
10 means for testing the screen design with a dynamic data exchange simulator to ensure functionality.

24. The system of claim 16, wherein the means for installing the software system (210) on a user system over the network (101) comprises:

means for installing human machine interface software and the at least one software application onto the user system (133, 134, 143, 144) over the network (101); and
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means for transferring the integrated application from a development system to the user system (133, 134, 143, 144) over the network (101).

25. The system of claim 16, wherein the means for starting up operation of the software system (210) over the network (101) comprises means for configuring user devices over the network (101) to support the software system (210) and means for testing the software system (210) on the user system (133, 134, 143, 144).
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26. The system of claim 16, further comprising:

means for supporting the software system (210) on the user system (133, 134, 143, 144) over the network (101) after start up.

27. The system of claim 16, further comprising means for starting up operation of the software system (210) over the network (101).

28. The system of claim 16, wherein the user system (133, 134, 143, 144) comprises at least one of a personal computer and a mainframe.

29. The system of claim 16, wherein the user system (133, 134, 143, 144) comprises a network.

30. The system of claim 16, wherein the software system (210) comprises a power management control system.

31. A method of integrating a software system (210) over a network (101) comprising:

(a) receiving user information over the network (101);

5 (b) creating at least one software application based on at least the received user information;

(c) configuring a user system (133, 134, 143, 144) over the network (101);

(d) downloading the at least one software application to the user system (133, 134, 143, 144);

10 (e) configuring user devices over the network (101) to support the at least one software application; and

(f) testing the at least one software application over the network (101).

32. The method of claim 31, wherein the network (101) comprises the Internet.

33. The method of claim 31, wherein the user system (133, 134, 143, 144) comprises a personal computer.

34. The method of claim 31, wherein the user system (133, 134, 143, 144) comprises a mainframe.

35. The method of claim 31, wherein the user system (133, 134, 143, 144) comprises a network (101).

36. The method of claim 31, wherein the software system (210) comprises a power management control system.

37. A system for integrating a software system (210) over a network (101) comprising:

means for receiving user information over the network (101);

5 means for creating at least one software application based on at least the received user information;

means for configuring the user system (133, 134, 143, 144) over the network (101);

10 means for downloading the at least one software application to the user system (133, 134, 143, 144);

means for configuring user devices over the network (101) to support the software applications; and

means for testing the at least one software application over the network (101).

32. The system of claim 31, wherein the network (101) comprises the Internet.

33. The system of claim 31, wherein the user system (133, 134, 143, 144) comprises a personal computer.

34. The system of claim 31, wherein the user system (133, 134, 143, 144) comprises a mainframe.

35. The system of claim 31, wherein the user system (133, 134, 143, 144) comprises a network.

36. The system of claim 31, wherein the software system (210) comprises a power management control system.

37. A method of integrating a software system (210) over a network (101), comprising:

- 5 (a) receiving an order for a software system (210) from a user at a server over the network (101);
over the network (101);
10 (b) transmitting the order for a software system (210) to a development facility (110);
 (c) receiving at least one software application for the software system (210) from the development facility (110);
 (d) installing the software system (210) on a user system over the network (101); and
 (e) starting up operation of the software system (210) over the network (101).

~~38.~~ A system for integrating a software system (210) over a network (101), comprising:

- means for receiving an order for a software system (210) from a user at a server over the network (101);
5 means for transmitting the order for a software system (210) to a development facility (110);
 means for receiving at least one software application for the software system (210) from the development facility (110);
 means for installing the software system (210) on a user system over the network (101); and
 means for starting up operation of the software system (210) over the network (101).

~~39.~~ A system for integrating a software system (210) over a network (101), comprising:

- a server connected to the network (101), the server receiving an order for a software system (210) from a user; and
5 an integrator configurable to configure the user system (133, 134, 143, 144) over the network (101) and install the software system (210) on the user system (133, 134, 143, 144) over the network (101).

40. The system of claim 39, wherein the network (101) comprises the Internet.

41. The system of claim 39, wherein the software system (210) comprises a power management control system.

42. The system of claim 39, further comprising a software development module configured to develop software over the network (101).

43. The system of claim 39, further comprising a screen design module configured to customize a screen design over the network (101).

44. The system of claim 39, further comprising a supplier link module configured to create supplier links for ordering material over the network (101).

45. A computer readable medium, the computer readable medium storing computer readable code executable to perform a method for integrating a software system (210) over a network (101) comprising:

5 (a) receiving an order for a software system (210) from a user at a server over the network (101);

(b) configuring the user system (133, 134, 143, 144) over the network (101); and

(c) installing the software system (210) on a user system over the network (101).

46. A computer readable medium, the computer readable medium storing computer readable code executable to perform a method for integrating a software system (210) over a network (101) comprising:

5 (a) receiving user information over the network (101);

(b) creating at least one software application based on at least the received user information;

(c) configuring the user system (133, 134, 143, 144) over the network (101);

10 (d) downloading the at least one software application to the user system (133, 134, 143, 144);

(e) configuring user devices over the network (101) to support the software applications; and

(f) testing the at least one software application over the network (101).

47. A computer readable medium, the computer readable medium storing computer readable code executable to perform a method for integrating a software system (210) over a network (101) comprising:

5 (a) receiving an order for a software system (210) from a user at a server over the network (101);

(b) transmitting the order for a software system (210) to a development facility (110);

(c) receiving at least one software application for the software system (210) from the development facility (110);

10 (d) installing the software system (210) on a user system over the network (101); and

(e) starting up operation of the software system (210) over the network (101).

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